



RELEASED ITEMS

**MATHEMATICS
GRADE 5**

Fall 2007

**MICHIGAN STATE BOARD OF EDUCATION
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PART 1

DIRECTIONS

This test has three parts. You may **NOT** use a calculator on the first part. You may use open space in this test booklet for scratch paper. No additional sheets may be used.

There is one type of item on this test: multiple choice.

Multiple-choice items will require you to choose the best answer from among four answer choices. For these items, use only a No. 2 pencil to mark your answer in your **Answer Document**. If you erase an answer, be sure to erase it completely. If you skip an item, be sure to mark the answer to the next item in the correct place in your **Answer Document**.

Sample Multiple-Choice Item:

Jackie had 56 trading cards. She gave some of the cards to Wanda. Then Jackie had 23 trading cards left. What was the total number of trading cards Jackie gave to Wanda?

- A** 23
- B** 33
- C** 39
- D** 79

For this sample item, the correct answer is **B**. Circle **B** is filled in on the sample item in your **Answer Document**.

You will have at least 30 minutes to finish Part 1 of this test. You will be given additional time if necessary.

1. Once you have reached the word **STOP** in your test booklet, do **NOT** go on to the next page.
2. If you finish early, you may check your work in Part 1 of the test **ONLY**. Do **NOT** look at items in other parts of the test.

If you do not understand any of these directions, please raise your hand.

1 Which number is a multiple of 3?

- A 83
- B 84
- C 85
- D 86

2 List factors & multiples

- A multiple, not factor
- B neither factor nor multiple
- C neither factor nor multiple
- D correct

3 Which set does **NOT** contain any multiples of 4?

- A {24, 36, 42, 54}
- B {12, 15, 20, 24}
- C {8, 16, 34, 42}
- D {6, 10, 14, 18}

- 4 Use factors & multiples to compose/decompose numbers
- A composed of unallowable factor
 - B composed of unallowable factor
 - C correct
 - D missed one of necessary factors
- 5 Since $5 \times 20 = 100$, which number will complete the number sentence below to make it true?

$$5 \times \underline{\quad} \times 5 = 100$$

- A 4
- B 5
- C 20
- D 25

- 6** Use factors & multiples to compose/decompose numbers
- A** not a multiple
 - B** correct
 - C** not a multiple
 - D** not a multiple
- 7** Which has the same value as 57×4 ?
- A** $(50 \times 4) + (7 \times 4)$
 - B** $(50 + 5) + 2$
 - C** $(50 \times 5) + 2$
 - D** $(50 \times 4) + 7$
- 8** Solve multiplication problems using the distributive property
- A** correct
 - B** used distributive property
 - C** used distributive property
 - D** used distributive property

9 Which of the following is equivalent to 5×23 ?

A $5 \times 2 \times 3$

B $5 \times 20 \times 3$

C $(5 \times 2) + (5 \times 3)$

D $(5 \times 20) + (5 \times 3)$

10 Divide whole numbers by 1-digit numbers and by 10

A incorrect quotient, incorrect remainder

B correct

C incorrect quotient, incorrect remainder

D incorrect quotient, correct remainder

11 Divide $2,520 \div 10$

A 25,200

B 2,530

C 253

D 252

12 Divide whole numbers by 1-digit numbers and by 10

- A** correct
- B** correct quotient, incorrect remainder
- C** incorrect quotient, correct remainder
- D** incorrect quotient, incorrect remainder

13 What value of n makes the equation below true?

$$n \div 7 = 21$$

- A** 3
- B** 28
- C** 141
- D** 147

14 Find value of unknowns in equations

- A** correct
- B** incorrect divisor
- C** subtracted quotient from dividend
- D** added quotient to dividend

15 What value of p makes the equation below true?

$$270 \div p = 27$$

- A** 7
- B** 8
- C** 9
- D** 10

16 Translate between fractions & decimals

- A** correct
- B** incorrect numerator, incorrect denominator
- C** correct numerator, incorrect denominator
- D** correct numerator, incorrect denominator

17 Which of the following represents seventy-five hundredths?

- A** 75,000.0
- B** 7,500.0
- C** 0.75
- D** 0.075

18 Translate between fractions & decimals

- A** incorrect numerator, incorrect denominator
- B** incorrect numerator, incorrect denominator
- C** incorrect numerator, incorrect denominator
- D** correct

PART 2

DIRECTIONS

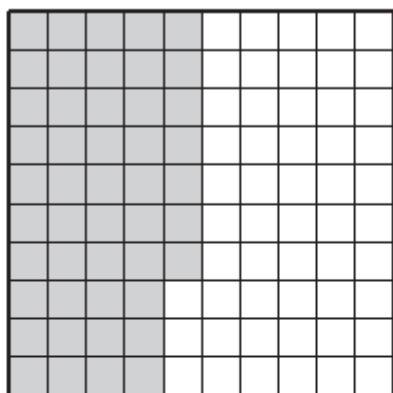
You will now begin Part 2 of this test. You may use a calculator on this part of the test, and you may use open space in this test booklet for scratch paper. No additional sheets may be used.

If you finish early, you may check your work for Part 2 **ONLY**.

Do **NOT** look at items in other parts of this test.

You will have at least 50 minutes to finish Part 2 of this test.

19 The square grid below represents one whole.



Which best represents the shaded part of the grid?

- A 0.047
- B 0.47
- C 4.70
- D 47.0

20 Know decimals up to two places & relate to money

- A correct
- B place value error
- C place value error
- D place value error

- 21 Which shows the word form of 42.32?
- A forty-two and thirty-two tenths
 - B forty-two and thirty-two hundredths
 - C four thousand, two hundred thirty-two
 - D four hundred twenty-three and two tenths

- 22 Know & use approximation appropriately

- A place value error
- B place value error
- C correct
- D place value error

- 23 Which of the following is closest to $5 \times 1,242$?

- A 600
- B 6,000
- C 600,000
- D 6,000,000

24 Know & use approximation appropriately

- A** place value error
- B** place value error
- C** correct
- D** place value error

25 Which is most likely the length of a telephone book?

- A** 30 kilometers
- B** 30 centimeters
- C** 30 millimeters
- D** 30 meters

26 Give answers to a reasonable degree of precision

- A** used scale improperly
- B** misread scale
- C** correct
- D** used scale improperly

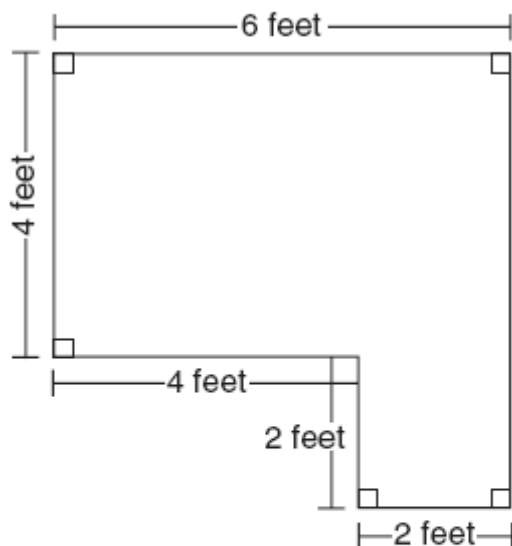
27 Florence is making a sail for a toy boat. The sail needs to be 3.55 cm wide. Which measure would be *most* useful in making the sail?

- A** to the nearest millimeter
- B** to the nearest decimeter
- C** to the nearest meter
- D** to the nearest kilometer

28 Know and understand formulas for P/A of square, rectangle

- A** length of two sides
- B** correct
- C** perimeter
- D** doubled the perimeter

29 What is the perimeter of the figure below?



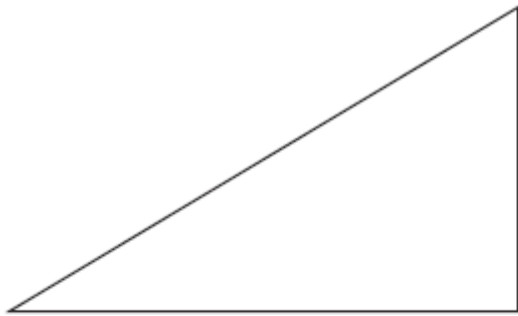
- A 12 feet
- B 18 feet
- C 24 feet
- D 36 feet

30 Know and understand formulas for P/A of square, rectangle

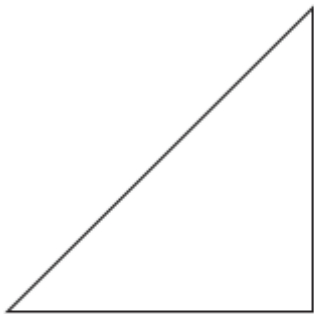
- A added length and width to find area
- B added two lengths and width to find area
- C perimeter
- D correct

31 Which triangle appears to be equilateral?

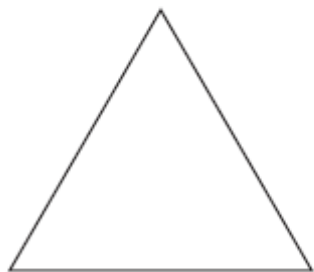
A



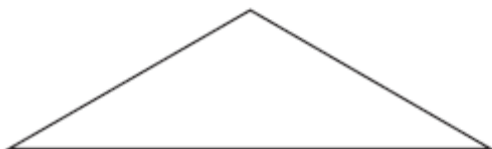
B



C



D



32 Identify basic geometric shapes and solve problems

- A** correct
- B** greater than length of side of triangle
- C** length of two sides of triangle
- D** perimeter of triangle plus length of extra base

33 Triangle ABC is an equilateral triangle. Two of the sides of the triangle each measure 3 inches in length. What is the length of the third side of the triangle?

- A** 2 inches
- B** 3 inches
- C** 4 inches
- D** 5 inches

34 Recognize transformations of a 2-D object

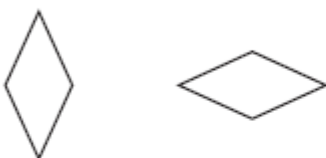
- A** translation, not turn
- B** correct
- C** reflection
- D** dilation

35 Which of the following appears to show only a single flip of the quadrilateral?

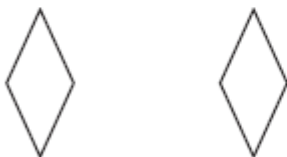
A



B



C



D



36 Recognize transformations of a 2-D object

- A** rotation (not slide) followed by rotation (not turn)
- B** rotation followed by rotation
- C** correct
- D** rotation followed by reflection

- 37 The chart below shows the number of minutes that Katie spent on her computer each day for one week.

Katie's Computer Time

Day	Number of Minutes
Sunday	59
Monday	65
Tuesday	42
Wednesday	84
Thursday	64
Friday	37
Saturday	46

What number represents the median of the data in the chart?

- A 47
 - B 53
 - C 59
 - D 84
- 38 Order a given set of data, find the median, range
- A maximum
 - B correct
 - C difference of first and last data point, not range
 - D median

39 Which score represents the median of the given data?

Math Test Scores

Student	Score
Joe	73
Sara	86
Carl	90
Dave	73
Maria	81

- A** 73
- B** 81
- C** 86
- D** 90

PART 3

DIRECTIONS

You will now begin Part 3 of this test. You may use a calculator on this part of the test, and you may use open space in this test booklet for scratch paper. No additional sheets may be used.

If you finish early, you may check your work for Part 3 **ONLY**.

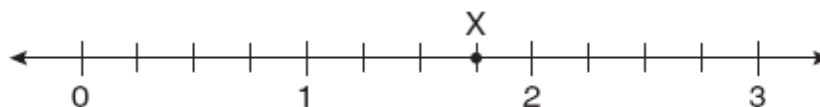
Do **NOT** look at items in other parts of this test.

You will have at least 50 minutes to finish Part 3 of this test.

40 Locate fractions w/denominators ≤ 12 on number line

- A** location of fractional portion of mixed number
- B** location of whole number portion of mixed number
- C** correct
- D** greater value than mixed number given

41 Which of the following best represents the location of point X on the number line below?



A $1\frac{1}{4}$

B $1\frac{1}{2}$

C $1\frac{3}{4}$

D $2\frac{1}{4}$

- 42** Locate fractions w/denominators ≤ 12 on number line
- A** incorrect comparison
 - B** incorrect comparison
 - C** correct
 - D** incorrect comparison
- 43** Which unit can be used to record the length of a pencil?
- A** gram
 - B** liter
 - C** kilogram
 - D** centimeter
- 44** Measure using common tools & appropriate units
- A** underestimated length
 - B** correct
 - C** overestimated length
 - D** overestimated length

45 Which unit could be used to record the weight of a 10-year-old child?

- A** meter
- B** kilogram
- C** millimeter
- D** centiliter

46 Measure & compare integer temperatures in degrees

- A** first temperature in table
- B** lowest temperature, highest absolute value
- C** correct
- D** zero degrees

- 47 Theo recorded the high and low temperatures for 5 days one week. The table below shows the data he recorded.

Temperatures Recorded

Day	High Temperature (°F)	Low Temperature (°F)
Monday	9	-2
Tuesday	11	3
Wednesday	-2	-7
Thursday	-4	-8
Friday	5	-2

On which day was there the *greatest* change between the high temperature and the low temperature?

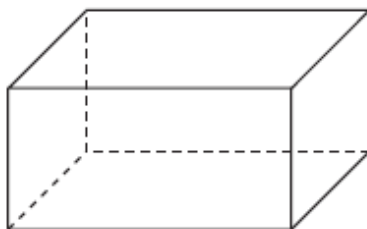
- A Monday
 - B Tuesday
 - C Thursday
 - D Friday
- 48 Measure & compare integer temperatures in degrees
- A zero degrees
 - B highest temperature
 - C correct
 - D last temperature in table

- 49 What is the width of a rectangle that has a length of 6 feet and an area of 60 square feet?
- A 10 feet
 - B 12 feet
 - C 24 feet
 - D 66 feet
- 50 Find length of rectangle given width and area or perimeter
- A two lengths
 - B greater than length
 - C length, not width
 - D correct
- 51 What is the width of a rectangle with a length of 5 inches and a perimeter of 16 inches?
- A 2 inches
 - B 3 inches
 - C 8 inches
 - D 21 inches

52 Identify attributes of 3-D solids

- A incorrect statement about cubes
- B incorrect statement about cubes
- C incorrect statement about cubes
- D correct

53 What is the total number of faces in the rectangular prism pictured below?



- A 3
- B 4
- C 5
- D 6

54 Identify attributes of 3-D solids

- A less than total number of faces
- B less than total number of faces
- C correct
- D greater than total number of faces

- 55 The chart below shows the amount of time Erin and Amanda each spent on the phone each day last week.

Time Spent on the Phone

Day	Erin's Minutes	Amanda's Minutes
Monday	8	15
Tuesday	10	0
Wednesday	30	45
Thursday	12	5
Friday	25	30
Saturday	30	20
Sunday	5	25

How many more minutes did Amanda spend on the phone last week than Erin?

- A 10
 - B 15
 - C 20
 - D 260
- 56 Solve problems using data tables, bar graphs
- A greatest for different category
 - B correct
 - C least total
 - D greatest for different category

- 57 The chart below shows the number of bags of chips bought by students in several grades.

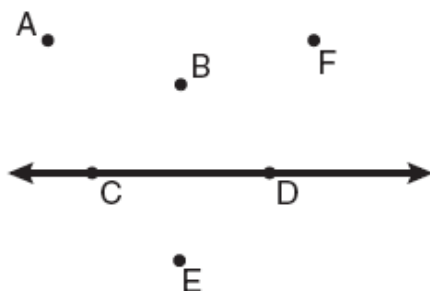
Bags of Chips Bought

Grade	Number of Bags
2	64
3	79
4	89
5	56

How many more bags of chips did the fourth graders buy than the third graders?

- A 10
 - B 15
 - C 25
 - D 33
- 58 Construct tables and bar graphs from given data
- A no scale given
 - B scale of convenience
 - C two bars graphed incorrectly
 - D correct

59 Which two points appear to lie on a line perpendicular to line CD?



- A A and E
- B B and E
- C B and D
- D F and A

60 Recognize plane figures that have line symmetry

- A no line symmetry
- B no line symmetry
- C no line symmetry
- D correct

61 Which measure is equivalent to 3 meters?

(1 meter = 100 centimeters)

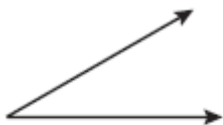
- A** 3 centimeters
- B** 30 centimeters
- C** 300 centimeters
- D** 3000 centimeters

62 Find side of a square given its perimeter or area

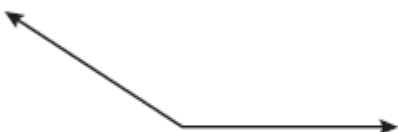
- A** number of sides
- B** correct
- C** length of two sides
- D** area

63 Which figure appears to be a right angle?

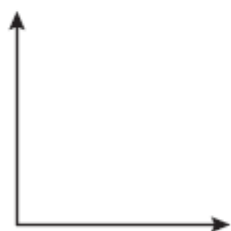
A



B



C



D



64 Add and subtract whole numbers fluently

- A** place value error
- B** subtracted lesser face values from greater face values
- C** place value error
- D** correct

65 Multiply 400×35

- A** 3,200
- B** 3,340
- C** 12,000
- D** 14,000

66 Estimate answers involving +, -, or x

- A** place value error, underestimate
- B** place value error, underestimate
- C** correct
- D** place value error, overestimate

67 Which list shows the numbers in order from *least* to *greatest*?

- A** 5,010 5,001 501 510 50,100
- B** 5,001 501 50,100 510 5,010
- C** 501 510 5,010 5,001 50,100
- D** 501 510 5,001 5,010 50,100

68 Compose & decompose numbers to 1,000,000

- A** place value error
- B** place value error
- C** place value error
- D** correct

69 What is the value of the digit 6 in the number below?

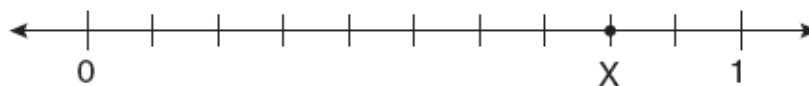
425,963

- A** 6
- B** 60
- C** 600
- D** 600,000

70 List all factors & factor pairs of numbers to 50

- A** omitted two factors
- B** included 3 non-factors, omitted 2 factors
- C** omitted 2 factors
- D** correct

- 71** Which of the following best describes the location of point X on the number line below?



- A** 0.2
 - B** 0.8
 - C** 2.0
 - D** 8.0
- 72** Read, write, interpret, and compare decimals
- A** incorrect comparison
 - B** incorrect comparison
 - C** incorrect comparison
 - D** correct

73 Which of the following shows exactly $\frac{2}{5}$ of the group shaded?

A



B



C



D



74 Know prime numbers

- A** composite number
- B** composite number
- C** correct
- D** composite number

75 Maria had 30 stuffed animals. She put exactly 6 stuffed animals on each shelf of her bookcase. What is the *least* number of shelves the bookcase could have had?

- A** 5
- B** 6
- C** 24
- D** 180

76 Explain why equivalent fractions are equal

- A** non-equivalent fraction
- B** non-equivalent fraction
- C** correct
- D** non-equivalent fraction

77 Emily is using fraction strips like the one below to do her homework.

1							
$\frac{1}{2}$				$\frac{1}{2}$			
$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$	
$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$

Which statement below is true?

A $\frac{1}{2} = \frac{2}{8}$

B $\frac{2}{4} = \frac{5}{8}$

C $\frac{1}{2} = \frac{4}{8}$

D $\frac{3}{4} = \frac{5}{8}$

78 Write improper fractions as mixed numbers

- A** incorrect mixed number
- B** incorrect mixed number
- C** correct
- D** incorrect mixed number

79 Which lists the numbers in order from *least* to *greatest*?

A $\frac{7}{8}, \frac{3}{4}, 1\frac{1}{2}$

B $1\frac{3}{4}, \frac{1}{2}, 1$

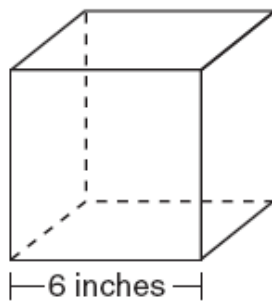
C $1\frac{1}{4}, \frac{6}{8}, 2$

D $1\frac{1}{3}, 1\frac{1}{2}, 1\frac{3}{4}$

80 Solve problems about P/A of rectangles in compound shapes

- A** added most of labeled sides
- B** added only labeled measurements
- C** omitted one unlabeled side from total
- D** correct

81 Kari wants to wrap a present for a friend. She wants to cover a box that is in the shape of a cube. She knows that the edge of each face measures 6 inches.



What is the *least* amount of wrapping paper she will need to completely cover the box?

- A** 24 square inches
- B** 36 square inches
- C** 144 square inches
- D** 216 square inches

82 Add and subtract decimals through hundredths

- A** correct
- B** subtraction error
- C** subtraction error
- D** added instead of subtracted

83 Divide $5.7 \div 3$

- A** 0.52
- B** 1.2
- C** 1.7
- D** 1.9

84 Know & identify terminating decimals

- A** correct
- B** misinterpretation of meaning of decimal
- C** place value error
- D** misinterpretation of meaning of decimal

- 85 Which point on the number line appears to be located at $\frac{6}{4}$?



- A point A
 - B point B
 - C point C
 - D point D
- 86 Use \times , \div to simplify computations & check results
- A incorrect number sentence
 - B incorrect number sentence
 - C correct
 - D incorrect number sentence

87 Add $\frac{7}{12} + \frac{4}{12}$

A $\frac{28}{12}$

B $\frac{11}{12}$

C $\frac{11}{24}$

D $\frac{28}{144}$

88 Solve fraction problems involving sums & differences

- A** correct
- B** incorrect difference
- C** sum of subtrahends, not difference
- D** one of subtrahends in simplest form

89 Which value of m makes the equation below true?

$$\frac{6}{8} - m = \frac{2}{8}$$

A $\frac{2}{8}$

B $\frac{4}{8}$

C $\frac{3}{1}$

D $\frac{4}{0}$

90 x fractions using repeated +, area or array models

A multiplication is sum of factors

B multiplication is sum of factor & reciprocal of factor

C multiplication is repeated multiplication

D correct

- 91** Which of the number sentences below can be used to solve this word problem?

Robert recorded 4.75 inches of rain last week. He recorded 2.32 inches of rain this week. How many more inches of rain did Robert record last week than this week?

- A** $4.75 - 2.32 = \square$
- B** $4.75 + 2.32 = \square$
- C** $4.75 \div 2.32 = \square$
- D** $4.75 \times 2.32 = \square$

Scoring Key: Part 1

Item No.	Correct Answer	GLCE	Type	Description
1	B	N.ME.04.05	Core-NC	List factors & multiples
2	D	N.ME.04.05	Core-NC	List factors & multiples
3	D	N.ME.04.05	Core-NC	List factors & multiples
4	C	N.MR.04.07	Core-NC	Use factors & multiples to compose/decompose numbers
5	A	N.MR.04.07	Core-NC	Use factors & multiples to compose/decompose numbers
6	B	N.MR.04.07	Core-NC	Use factors & multiples to compose/decompose numbers
7	A	N.ME.04.09	Core-NC	Solve x problems using the distributive property
8	A	N.ME.04.09	Core-NC	Solve x problems using the distributive property
9	D	N.ME.04.09	Core-NC	Solve x problems using the distributive property
10	B	N.FL.04.11	Core-NC	Divide whole numbers by 1-digit numbers and by 10
11	D	N.FL.04.11	Core-NC	Divide whole numbers by 1-digit numbers and by 10
12	A	N.FL.04.11	Core-NC	Divide whole numbers by 1-digit numbers and by 10
13	D	N.FL.04.12	Core-NC	Find value of unknowns in equations
14	A	N.FL.04.12	Core-NC	Find value of unknowns in equations
15	D	N.FL.04.12	Core-NC	Find value of unknowns in equations
16	A	N.MR.04.19	Core-NC	Translate between fractions & decimals
17	C	N.MR.04.19	Core-NC	Translate between fractions & decimals
18	D	N.MR.04.19	Core-NC	Translate between fractions & decimals

NC=Non Calculator

Scoring Key: Part 2

Item No.	Correct Answer	GLCE	Type	Description
19	B	N.ME.04.15	Core	Know decimals up to two places & relate to money
20	A	N.ME.04.15	Core	Know decimals up to two places & relate to money
21	B	N.ME.04.15	Core	Know decimals up to two places & relate to money
22	C	N.FL.04.35	Core	Know & use approximation appropriately
23	B	N.FL.04.35	Core	Know & use approximation appropriately
24	C	N.FL.04.35	Core	Know & use approximation appropriately
25	B	M.PS.04.02	Core	Give answers to a reasonable degree of precision
26	C	M.PS.04.02	Core	Give answers to a reasonable degree of precision
27	A	M.PS.04.02	Core	Give answers to a reasonable degree of precision
28	B	M.TE.04.06	Core	Know and understand formulas for P/A of square, rect
29	C	M.TE.04.06	Core	Know and understand formulas for P/A of square, rect
30	D	M.TE.04.06	Core	Know and understand formulas for P/A of square, rect
31	C	G.GS.04.02	Core	Identify basic geometric shapes and solve problems
32	A	G.GS.04.02	Core	Identify basic geometric shapes and solve problems
33	B	G.GS.04.02	Core	Identify basic geometric shapes and solve problems
34	B	G.TR.04.05	Core	Recognize transformations of a 2-D object
35	C	G.TR.04.05	Core	Recognize transformations of a 2-D object
36	C	G.TR.04.05	Core	Recognize transformations of a 2-D object
37	C	D.RE.04.02	Core	Order a given set of data, find the median, range
38	B	D.RE.04.02	Core	Order a given set of data, find the median, range
39	B	D.RE.04.02	Core	Order a given set of data, find the median, range

Scoring Key: Part 3

Item No.	Correct Answer	GLCE	Type	Description
40	C	N.MR.04.22	Core	Locate fractions w/denominators ≤ 12 on number line
41	C	N.MR.04.22	Core	Locate fractions w/denominators ≤ 12 on number line
42	C	N.MR.04.22	Core	Locate fractions w/denominators ≤ 12 on number line
43	D	M.UN.04.01	Core	Measure using common tools & appropriate units
44	B	M.UN.04.01	Core	Measure using common tools & appropriate units
45	B	M.UN.04.01	Core	Measure using common tools & appropriate units
46	C	M.UN.04.03	Core	Measure & compare integer temperatures in degrees
47	A	M.UN.04.03	Core	Measure & compare integer temperatures in degrees
48	C	M.UN.04.03	Core	Measure & compare integer temperatures in degrees
49	A	M.TE.04.07	Core	Find length of rectangle given width and A or P
50	D	M.TE.04.07	Core	Find length of rectangle given width and A or P
51	B	M.TE.04.07	Core	Find length of rectangle given width and A or P
52	D	G.SR.04.03	Core	Identify attributes of 3-D solids
53	D	G.SR.04.03	Core	Identify attributes of 3-D solids
54	C	G.SR.04.03	Core	Identify attributes of 3-D solids
55	C	D.RE.04.03	Core	Solve problems using data tables, bar graphs
56	B	D.RE.04.03	Core	Solve problems using data tables, bar graphs
57	A	D.RE.04.03	Core	Solve problems using data tables, bar graphs
58	D	D.RE.04.01	Extended	Construct tables and bar graphs from given data
59	B	G.GS.04.01	Extended	Identify, draw , parallel, & intersecting lines
60	D	G.TR.04.04	Extended	Recognize plane figures that have line symmetry

Scoring Key: Part 3 (continued)

Item No.	Correct Answer	GLCE	Type	Description
61	C	M.TE.04.05	Extended	Convert units of measure within a system
62	B	M.TE.04.08	Extended	Find side of a square given its perimeter or area
63	C	M.TE.04.10	Extended	Know right angles & compare angles to right angles
64	D	N.FL.04.08	Extended-NC	Add and subtract whole numbers fluently
65	D	N.FL.04.10	Extended-NC	Multiply whole numbers & use distributive property
66	C	N.FL.04.34	Extended	Estimate answers involving +, -, or x
67	D	N.ME.04.01	Extended-NC	Read, write, compare & order numbers to 1,000,000
68	D	N.ME.04.02	Extended-NC	Compose & decompose numbers to 1,000,000
69	B	N.ME.04.03	Extended-NC	Know size & place value of numbers to 1,000,000
70	D	N.ME.04.04	Extended-NC	List all factors & factor pairs of numbers to 50
71	B	N.ME.04.17	Extended	Locate tenths and hundredths on a number line
72	D	N.ME.04.18	Extended	Read, write, interpret, and compare decimals
73	D	N.ME.04.20	Extended	Understand fractions as parts of a set of objects
74	C	N.MR.04.06	Extended-NC	Know prime numbers
75	A	N.MR.04.14	Extended	Solve problems involving multiplication & division
76	C	N.MR.04.21	Extended	Explain why equivalent fractions are equal
77	C	N.MR.04.23	Extended	Understand relationships within fraction families
78	C	N.MR.04.25	Extended	Write improper fractions as mixed numbers
79	D	N.MR.04.26	Extended	Compare and order up to three fractions
80	D	M.PS.04.09	Future	Solve problems about P/A of rects in compound shapes

Scoring Key: Part 3 (continued)

Item No.	Correct Answer	GLCE	Type	Description
81	D	M.PS.04.11	Future	Solve contextual problems about surface area
82	A	N.FL.04.32	Future	Add and subtract decimals through hundredths
83	D	N.FL.04.33	Future	\times and \div decimals up to two decimal places
84	A	N.ME.04.16	Future	Know & identify terminating decimals
85	B	N.ME.04.24	Future	Understand improper fractions, locate on # line
86	C	N.MR.04.13	Future	Use \times , \div to simplify computations & check results
87	B	N.MR.04.27	Future	Add and subtract common fractions less than 1
88	A	N.MR.04.28	Future	Solve fraction problems involving sums & differences
89	B	N.MR.04.29	Future-NC	Find value of unknown in equations with fractions
90	D	N.MR.04.30	Future	\times fractions using repeated $+$, area or array models
91	A	N.MR.04.31	Future	Solve problems by adding & subtracting decimals